Gulfstream V - JSC 06/04/19

Aircraft: Gulfstream V - JSC (See full schedule)

Flight Number: GV-17

Payload Configuration: LVIS/GEDI

Nav Data Collected: No Total Flight Time: 11.2 hours

Submitted by: Derek Rutovic on 06/04/19

Flight Segments:

From:	KEFD	То:	KEFD			
Start:	06/04/19 09:14 Z	Finish:	06/04/19 20:25 Z			
Flight Time:	11.2 hours					
Log Number:	195003 - Completed as of this flight.	PI:	James Blair			
Funding Source:	James Blair - NASA - SMD - ESD GSFC Laser Remote Sensing Branch					
Purpose of Flight:	Science					
Miles Flown:	5000 miles					

Flight Hour Summary:

	195003
Flight Hours Approved in SOFRS	40
Total Used	43.1
Total Remaining	-3.1

195003 Flight Reports									
Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown			
05/18/19	GV-12	Science	3.2	3.2	36.8	1200			
<u>05/21/19 -</u> <u>05/22/19</u>	GV-13	Science	6.8	10	30	2500			
05/23/19	GV-14	Science	7.5	17.5	22.5	3500			
05/24/19	GV-15	Science	5.7	23.2	16.8	2500			
05/29/19	GV-16	Science	8.7	31.9	8.1	3900			
06/04/19	GV-17	Science	11.2	43.1	-3.1	5000			

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

Related Science Report:

GEDI LVIS Underflights - Gulfstream V - JSC 06/04/19 Science Report

Mission: GEDI LVIS Underflights

Mission Summary:

Took off KEFD at 04:13 CDT Transited over the Gulf of Mexico

Flew GEDI track 2034, 2028, and 1759 en route to Costa Rica - partly cloudy

Pass of Arenal Volcano - cloudy

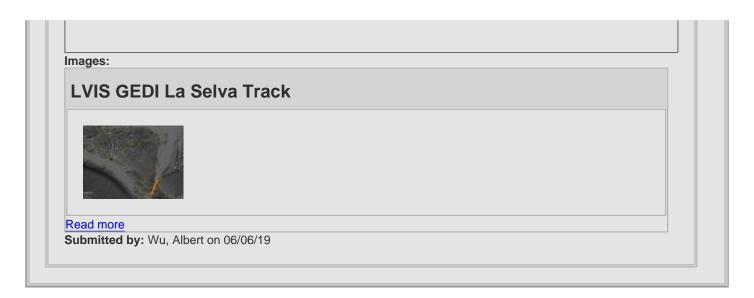
Mapped the area surrounding La Selva Biological Station, which had previously been surveyed by LVIS and

provides ground truth. 12 lines - cloudy on northern 1/3 of lines, southern 2/3 mostly clear

Crossing line of all 12 La Selva lines, pass over Arenal - clear

Returned via GEDI track 2034 - partly cloudy

Landed KEFD at 15:19 CDT



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